

Appl. No. 10/648,598  
Amdt. Dated January 21, 2008  
Reply to Office Action Mailed October 19, 2007

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**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A system for balancing manufacturing orders, the system comprising an order adjusting module, an order balancing module, a yield gathering module and a document updating module, wherein:

the yield gathering module is used to gather production yields in accordance with data stored in daily production statements and daily stock receipt statements;

the order balancing module is used to balance manufacturing orders in accordance with daily production yield gathering by the yield gathering module, and generate a temporary record for recording data on changing of manufacturing orders;

the order adjusting module is used to receive manufacturing order adjusting instructions from a user, and add the manufacturing order adjusting instructions into the temporary record; and

the document updating module is used to update data stored in a master list of manufacturing orders, detailed records of manufacturing orders, and corresponding planning bills of material (BOMs) in accordance with ~~data updating orders~~ the temporary record generated by the order balancing module ~~and the order adjusting module.~~

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Claim 2 (original): The system as claimed in claim 1, wherein the order adjusting module, the order balancing module, the yield gathering module and the document updating module are comprised in an application server.

Claim 3 (original): The system as claimed in claim 1, further comprising a database connecting module which connects the order adjusting module, the order balancing module, the yield gathering module and the document updating module with the master list of manufacturing orders, the detailed records of manufacturing orders and the planning BOMs for data interchange therebetween.

Claim 4 (original): The system as claimed in claim 1, wherein the master list of manufacturing orders, the detailed records of manufacturing orders and the planning BOMs are comprised in a database server with a database managing module.

Claim 5 (canceled)

Claim 6 (canceled)

Claim 7 (currently amended): A method for balancing manufacturing orders, the method comprising the steps of:

gathering daily yields from daily production statements and daily stock receipt statements;

balancing manufacturing orders in accordance with quantities of products, comprising the steps of:

(a) generating a temporary record for recording data on changing of manufacturing orders;

(b) receiving manufacturing order adjusting instructions from a user;

and

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(c) adding the manufacturing order adjusting instructions into the temporary record;

deducting data on quantities of materials stored in planning bills of material (BOMs) of corresponding manufacturing orders from data stored in a record of a shop floor depot, and updating storage data on the products; and

updating data stored in a master list of manufacturing orders, a corresponding detailed record of a manufacturing order, and a corresponding planning BOM in accordance with the temporary record.

Claim 8 (original): The method as claimed in claim 7, further comprising the step of adjusting manufacturing orders.

Claim 9 (currently amended): A system for balancing manufacturing orders, the system comprising:

means for gathering daily yields from daily production statements and daily stock receipt statements;

means for balancing manufacturing orders in accordance with quantities of made products, comprising means for:

(a) generating a temporary record for recording data on changing of manufacturing orders;

(b) receiving manufacturing order adjusting instructions from a user;  
and

(c) adding the manufacturing order adjusting instructions into the temporary record;

means for deducting data quantities of materials stored in planning bills of material (BOMs) of corresponding manufacturing orders from data stored in a record of a shop floor depot, and updating storage data on the products; and

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means for updating data stored in a master list of manufacturing orders, a corresponding detailed record of a manufacturing order, and a corresponding planning BOM in accordance with the temporary record.

Claim 10 (new): The system as claimed in claim 1, wherein the manufacturing order adjusting instructions comprise an instruction of reclaiming a manufacturing order, an instruction of canceling a manufacturing order, and an instruction of changing a manufacturing order.

Claim 11 (new): The system as claimed in claim 1, wherein the document updating module is further used to update a status of the master list of manufacturing orders.

Claim 12 (new): The method as claimed in claim 7, wherein the manufacturing order adjusting instructions comprise an instruction of reclaiming a manufacturing order, an instruction of canceling a manufacturing order, and an instruction of changing a manufacturing order.

Claim 13 (new): The method as claimed in claim 7, wherein the step of balancing manufacturing orders in accordance with quantities of products further comprises the step of:

(d) updating a status of the master list of manufacturing orders.